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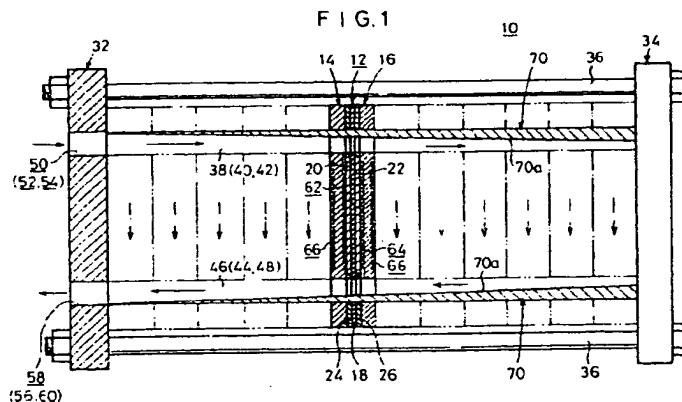
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(54) Fuel cell stack

(57) Disclosed is a fuel cell stack comprising fuel cell units (12) and first and second separators (14, 16) which are alternately stacked with each other. Wedge members (70) are integrally inserted, over the plurality of fuel cell units (12), into communication holes of a fuel gas supply passage (38), an oxygen-containing gas supply passage (40), and a cooling water supply passage (42), as well as a fuel gas discharge passage (44), an oxygen-

containing gas discharge passage (46), and a cooling water discharge passage (48). A fluid is uniformly delivered to each of the fuel cell units (12) by the aid of the wedge members (70). Accordingly, the fluid of any one of a fuel gas, an oxygen-containing gas, and a cooling medium is uniformly delivered to each of the fuel cell units (12). Further, it is possible to simplify the arrangement of the fuel cell stack.



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Application Number
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 January 2001	Examiner D'hondt, J
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

FIG. 8

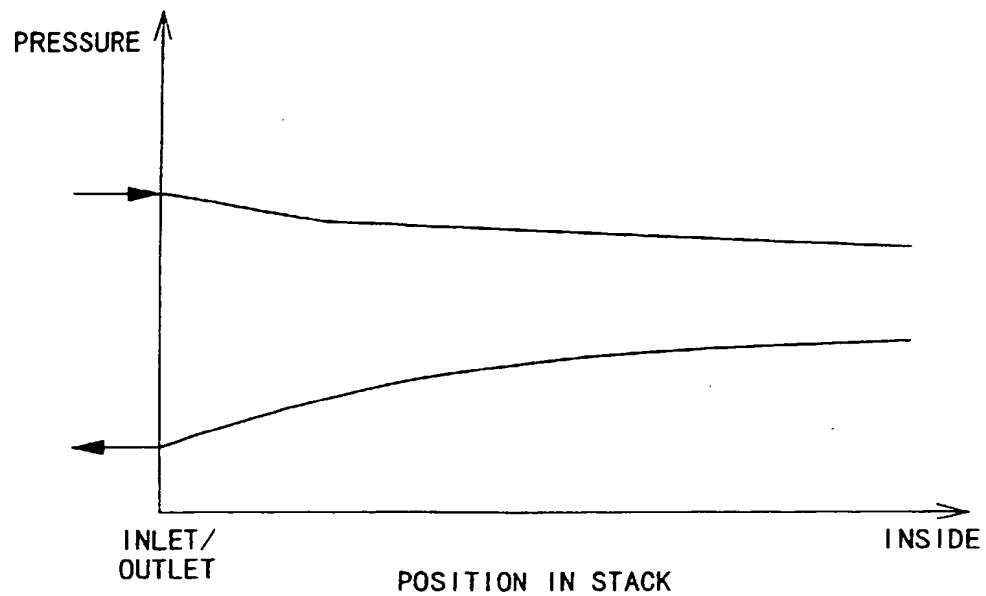


FIG. 9

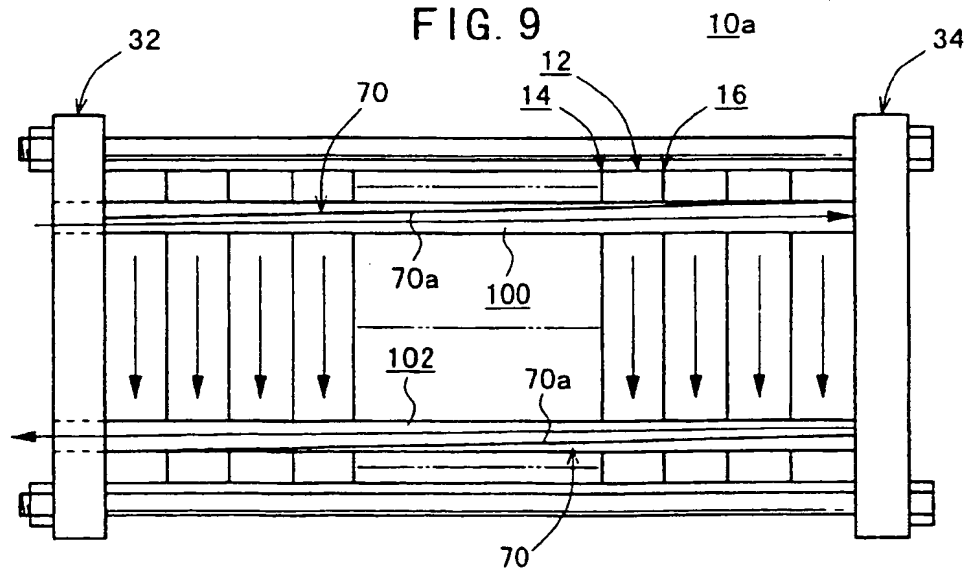


FIG. 10

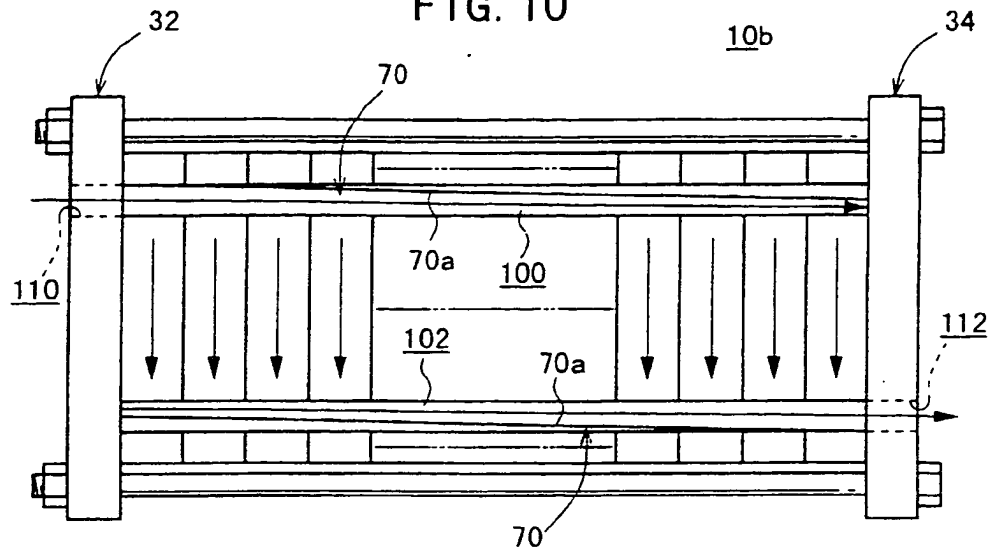


FIG. 11

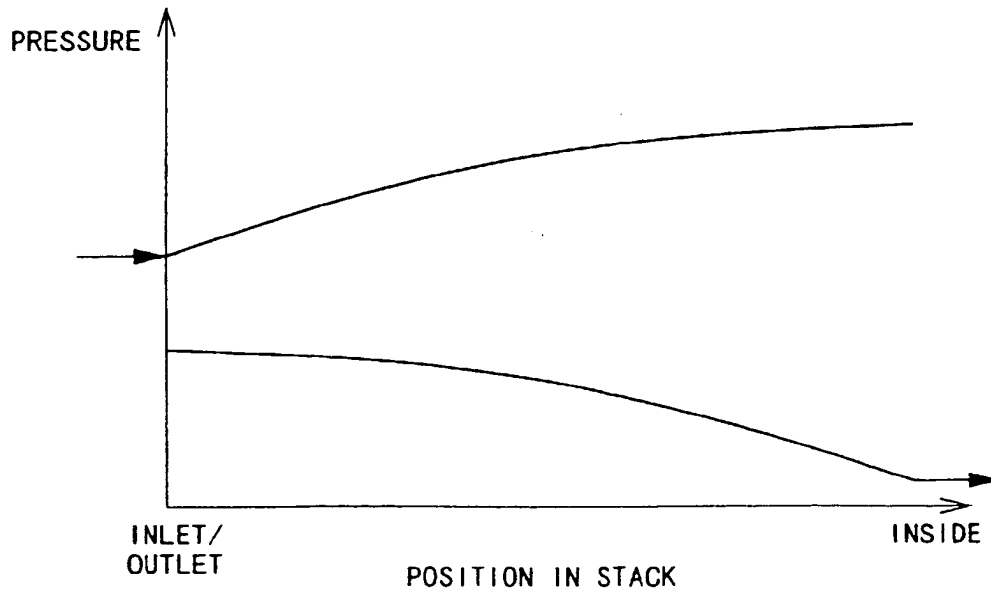


FIG. 12

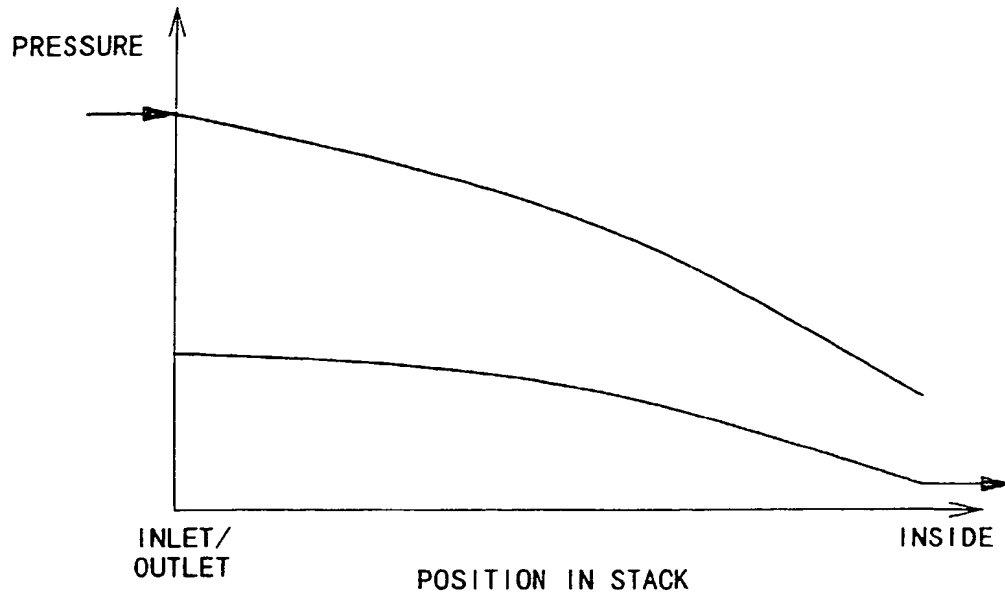
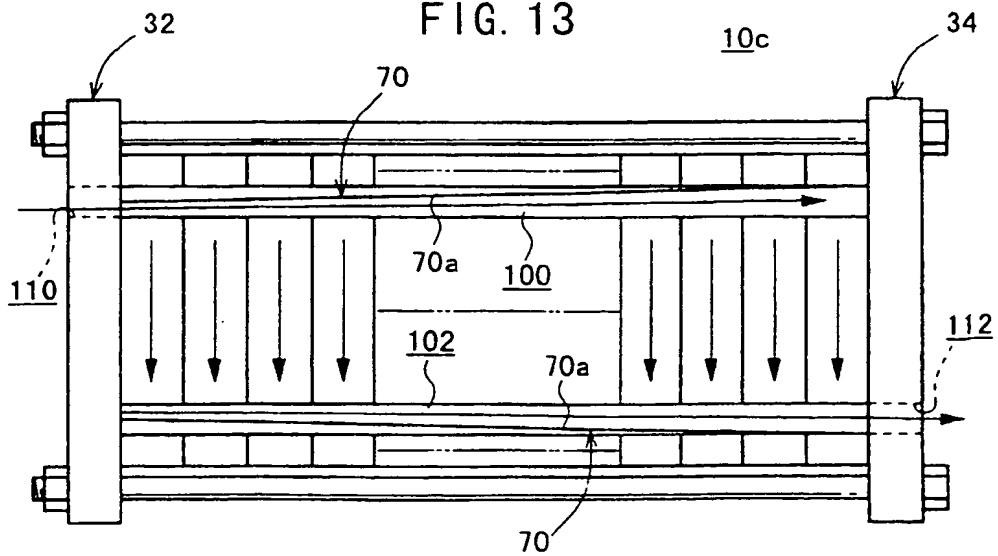


FIG. 13



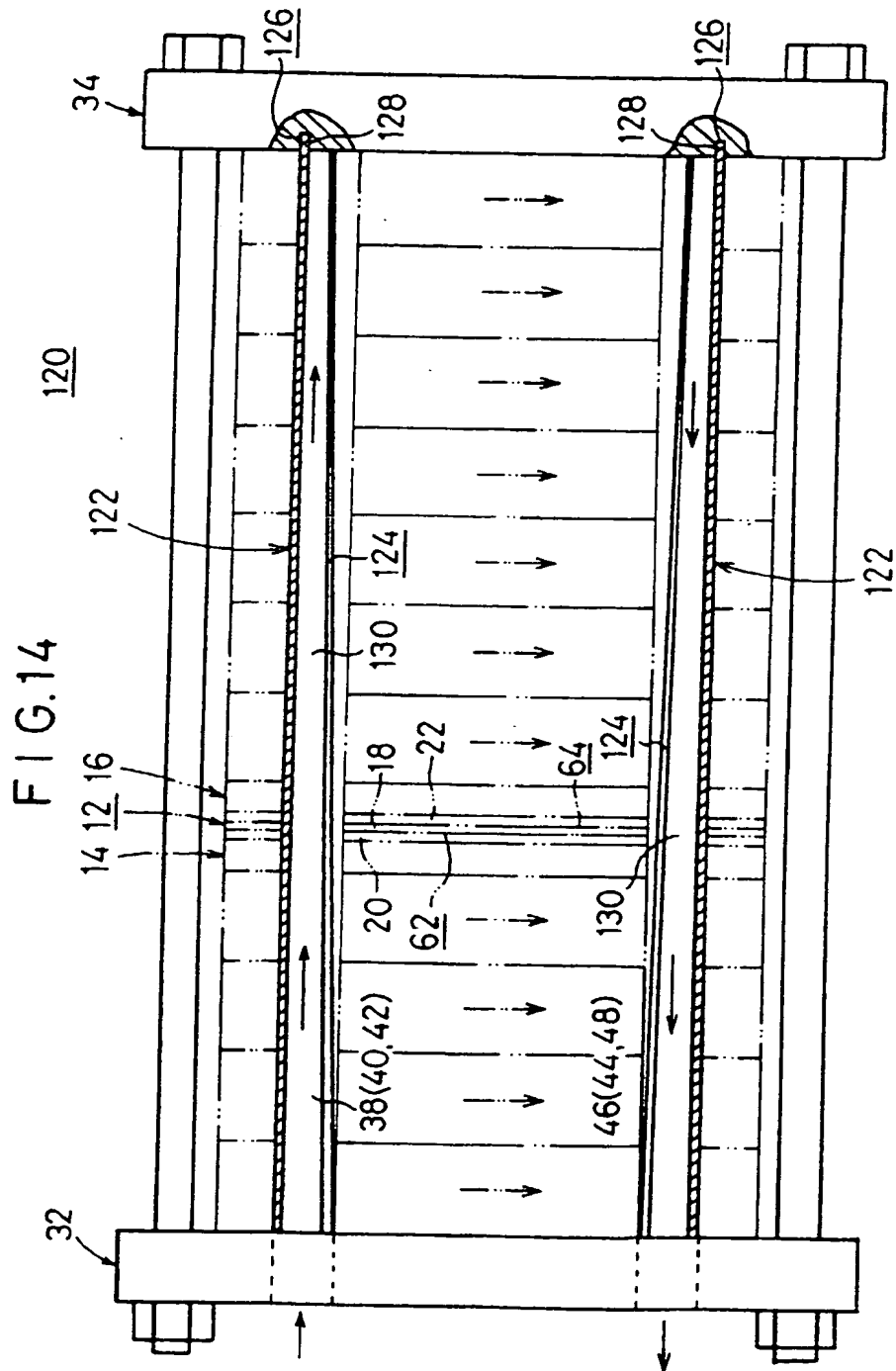


FIG.15

